No.



9800370

THE UNITED STAYLES OF AMIERIOA

TO ALL TO WHOM THESE PRESENTS SHALL COME: Mestern Plant Breeders, Inc.

MCCCAS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS. A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN RODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY OTTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Sharpshooter'

In Testimone Mecress. I have hereunto set my hand and caused the seal of the Plant Antiety Protection Office to be affixed at the City of Washington, D.C. this thirty-first day of January, in the year of our Lord two thousand.

Allest

Am wie

Commissioner Plant Variety Protection Office Agricultural Marketing Service

Sametan of Animhan

REPRODUCE LOCALLY. Include form number and date on all re-	productions.	·	FORM APPROVED - OMB NO. 0581-0055
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTI	ON OFFICE	The following statements are mad	e in accordance with the Privacy Act of erwork Reduction Act (PRA) of 1995.
APPLICATION FOR PLANT VARIETY PROTECTION C		certificate is to be issued (7 U.S.C	determine if a plant variety protection . 2421). Information is held confidential
Unstructions and information collection burden statemen	t on reverse)	until certificate is issued (7 U.S.C.	2426).
NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Western Plant Breeders, Inc.		SS-1, FA 994-601	Sharpshooter
andre de la companya de la companya La companya de la co			
			that the second second
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY
8111 Timberline Drive Bozeman, MT 59718-8184		(406) 587-1218	PVPO NUMBER 0 0 3 7 0
		6. FAX (include area code)	F DATE
	- 15c	(406) 586-8247	8-31-98
			G
· ·	B. FAMILY NAME (Bot		FILING AND EXAMINATION FEE:
Triticum asetivum	Poaceae		E DATE
3. CROP KIND NAME (Common name)		· · · · · · · · · · · · · · · · · · ·	1 044 31 1998
Common Wheat		· · · · · · · · · · · · · · · · · · ·	Ε
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION	ON (corporation, partne	rship, association, etc.) (Common name)	[\ \ O)
Corporation			!¦* 300°
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Arizona		Aug. 24, 1990	beot. 20, 99
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE	IN THIS APPLICATIO	N AND RECEIVE ALL PAPERS	14. TELEPHONE (include area code)
717 14th Street South Fargo, ND 58103 16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow inst. a. \(\times \) Exhibit A. Origin and Breeding History of the Veriety	ructions on reverse)		(701) 293-5146
b. 🔀 Exhibit B. Statement of Distinctness	***	Control of the second	and the control of the second
c. X Exhibit C. Objective Description of the Variety		n a min pakan hari di merawan	to the transfer that the
d. Exhibit D. Additional Description of the Variety (Optional)		en de Aria de La Aria	ta santigia, a signa sa
e. X Exhibit E. Statement of the Basis of the Applicant's Ownership			
 Youcher Sample (2,500 viable untreated seeds or, for tuber propagated vg. ☑ Filing and Examination Fee (\$2,450), made payable to "Treasurer of the line of the l	•		a in an approved public repository)
g. X Filing and Examination Fee (\$2,450), made payable to "Treasurer of the I 17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VA YES (If "yes," answer items 18 and 19 below)		S A CLASS OF CERTIFIED SEED? See Section	n 83(a) of the Plant Variety Protection Act)
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS	TO NUMBER OF	19. IF "YES" TO ITEM 18, WHICH CLASSES	OF PRODUCTION BEYOND BREEDER SEED?
GENERATIONS?	3		4 # 1 <u>1 </u>
☐ YES 🔯 NO		FOUNDATION REGISTERS	
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEA YES (If "yes," give names of countries and dates)		FOR SALE, OR MARKETED IN THE U.S. OR O	THER COUNTRIES?
USA April 1998			
 The applicant(s) declare that a viable sample of basic seed of the variety will be fu applicable, or for a tuber propagated variety a tissue culture will be deposited in a 			dance with such regulations as may be
The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tull Section 42, and is entitled to protection under the provisions of Section 42 of the	per propagated plant v	ariety, and believe(s) that the variety is new, di	stinct, uniform, and stable as required in
Applicant(s) is(are) informed that false representation herein can jeopardize protect	tion and result in penal	ties.	
SIGNATURE OF APPLICANT (Ownerts)	SIGNA	TURE OF APPLICANT (OWNERS))	tatt
NAME (Please print of type)	NAME	(Please print or type)	
Gregory J. Fox		n. R. Biggerstaff	
CAPACITY OR TITLE Special Projects Breeder 21 Au	1	aron nutt enerallManager	28 Aug 98
STD-470 (03-96) (Previous editions are to be destroyed)		(See reverse for instructions and	nformation collection burden statement)

16.a. Exhibit A. Origin and Breeding History

Sharpshooter is a hard red spring wheat adapted to the Northern Great Plains region of North America, that was developed by Western Plant Breeders. Sharpshooter is an F3 derived selection from the cross Sharpshooter x Sumi-3 made in the growth chamber in January 1994. Sumi-3 is a spring wheat variety from China used as a donor of resistance/ tolerance to scab (Fusarium graminearum). Throughout the F2, F3, F4, and F5 generations (all in growth chambers), selection was directed toward a Sharp plant and seed type with the scab resistance of Sumi-3. In the development of Sharpshooter, a single F3 plant, of the Sharp phenotype with Sumi-3 scab resistance, was selected. In the F4 generation, 6 plants were selected; in the F5 generation, 32 plants were selected. These 32 plant selections were planted in the field near Yuma, AZ, in the fall of 1994 for field evaluation and increase. Uniform F6 rows were harvested in April of 1995, and seed of these were planted in long plots near Fisher, MN, in May of 1995. Uniform, scab-tolerant lines were harvested separately and planted separately near Yuma, AZ, on approximately 28 acres in the fall of 1995. The intent was to harvest this F7 material as Foundation seed in the spring of 1996 and plant 1500 acres of seed production in Minnesota in May of 1996. Due to the discovery of Karnal bunt in Arizona in March of 1996, and the resulting quarantine, this was not possible. Approximately 3000 pounds of this production was harvested, tested to be free of Karnal bunt, split into 300 ten pound lots, washed in a chlorox solution, rinsed, and treated with two fungicides. This seed was designated Breeders Seed, shipped to Bozeman, MT, and planted June 3, 1996, on approximately 18 acres. Seed from this field was harvested as Foundation seed in the fall of 1996. Foundation seed was planted in the Cochilla Valley near Indio, CA, (outside the quarantine area) in the fall of 1996 to produce Registered seed. The Registered seed was harvested in early May of 1997 and planted in Minnesota the same month. Seed produced from these fields was designated Certified seed. Certified seed of Sharpshooter was first available to growers in Minnesota and North Dakota in the spring of 1998.

A variant that is similar to Sharpshooter but is 8 to 12 cm taller occurs at a frequency of up to .01% (1 per 10,000 plants). Otherwise, Sharpshooter is a stable and uniform variety in agronomic appearance and performance across generations (F6 through F10). Agronomic and quality data are presented in Tables 1 through 4.

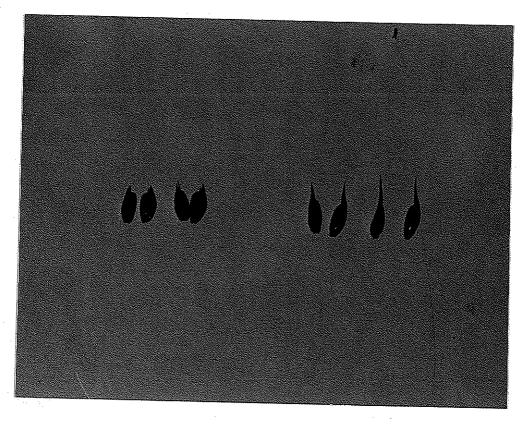
perphone Blulgg Mark 8/11/99

16.b. Exhibit B. Statement of Distinctness

Sharpshooter is most similar to the variety Sharp. However, Sharpshooter is more tolerant to scab infection (*Fusarium graminearum*). Table 1 shows the % infected seed of Sharpshooter to be significantly less than Sharp in paired plots (t=3.78 w/3 d.f., p<.05 and t=3.43 w/4 d.f., p<.05 for the years 1995 and 1996 respectively. Table 2 shows a colorimeter comparison of paired samples of Sharpshooter and Sharp. Kernels of Sharpshooter are less bright (fewer infected, white, "Tombstone" kernels) t=5.02 w/10 d.f., p<.001 and redder in color, t=5.74 w/10 d.f., p<.001. See Figure 1 as an example.

Also, the beak length on Sharpshooter is much shorter than on Sharp (see Figure 2).

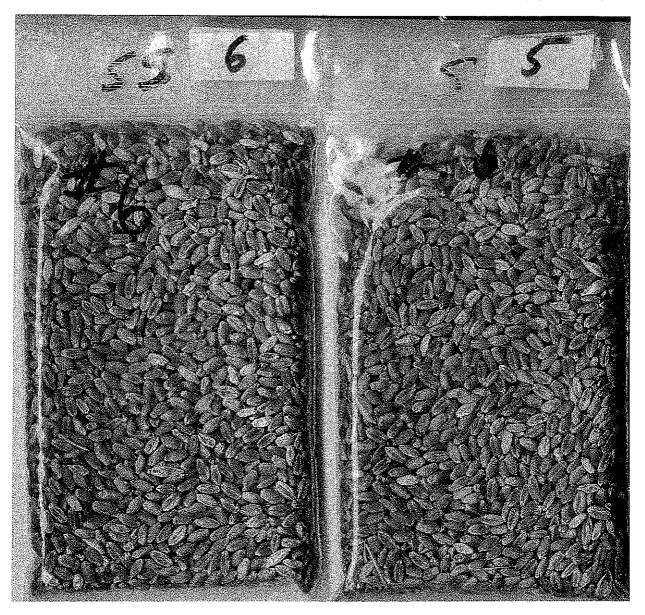
The above comparisons, along with a complete objective description (16.c.), show Sharpshooter to be a novel variety of hard red spring wheat.



Sharpshooter

Sharp

Figure 2. Comparison of the glume beaks of Sharpshooter and Sharp.



SHARPSHOOTERSHARPColorColor \underline{L} \underline{a} \underline{L} \underline{a} 48.755.5049.315.35L = brightnessa = redness

Figure 1. Color comparison of Sharpshooter and Sharp seed grown as paired plots under infection of scab (Fusarium graminearum).

Table 1. Percent scabby seed, in inoculated paired plot field trials, of Sharpshooter compared to Sharp in Western Plant Breeder's trials at Fisher, MN during 1995 and 1996.

		<u>% Scabby Seed (</u>	(Tombstones)	
	Pair#	<u>Sharpshooter</u>	Sharp	
1995	1	19.6	40.3	
	2	18.5	58.6	t= 3.78 w/3 d.f.
	3	21.7	35.8	p<.05
	4	<u>20.0</u>	<u>35,6</u>	•
		mean 19.9	42.6	
4000	_			
1996	5	0.8	2.0	
	6	0.8	1.7	t= 3.43 w4 d.f.
	. 7	0.9	2.6	p<.05
	8	1.0	1.6	
	9	<u>1.0</u>	<u>4.0</u>	
		mean 0.9	2.4	•

Sharpshooter

Table 2. Seed color comparison of Sharpshooter and Sharp from paired plots infected with scab.

Pair#

	diff ²	60 0	0.13	0.26	0.01	030	90.0	0.07	α Ο Ο	800	9 0	0.03	1.05	•		d.f.
	diff	-0.30	-0.36	-0.51	90'0-	-0.55	-0.24	-0.26		0.07	-0.15	-0.18	-2.98	-0.27	t = 5.74	p<.001 w/10 d.f
"a" (redness)	Sharpshooter	5.81	5.88	6.11	5.57	5.99	5.98	5.44	5.58	5.24	5.50	5.30	5.67			
	Sharp	5.51	5.52	5.60	5.49	5.44	5.74	5.18	5,30	5,17	5.35	5.12	5.40			
,	diff ²	1.77	0.26	2.99	0.12	0.28	1.32	0.07	0.15	0.12	0.31	1.69	60.6			
	H	1.33	0.51	1.73	0.35	0.53	1.15	0.26	0.39	0.35	0.56	1.30	8.46	0.76909		10 d.f.
													sum	mean	t = 5.02.	o<.001 w/10 d.f
(brightness)	Sharpshooter	50,44	50.63	49.82	50.66	50.26	50.38	49.08	48.70	48.93	48.75	48.05	49.61	-		
-	<u>Sharp</u>	51.77	51.14	51.55	51.01	50.79	51.53	49.34	49.09	49.28	49.31	49.35	50.38			
	<u>Location/year</u>	F-96 yt	F-96 -32(17&18)	F-96 -33(19&20)	F-96 -22-7&19-12	F-96-19-18&21-11	F-96 -21-17&20-8	F-97-293&294	Cr-97	Am. Sci-97	F-97	R-97	mean			

Note: A higher percent of the Sharp kernels were infected with scab, creating more "tombstones" which are whiter in color. This reflects more light, resulting in a higher "L" value, and fewer normal kernels, and so a lower "a" or reddish color.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE DIVISION BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY WHEAT (Triticum spp.)

Western Plant Breeders, Inc.	FOR OFFICIAL USE ONLY
	PVPO NUMBER 5800370
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)	PVPO NUMBER 9800370
8111 Timberline Drive	VARIETY NAME
Bozeman, MT 59718-8184	Sharpshooter
	TEMPORARY OR EXPERIMENTAL DESIGNATION
	SS-1, FA 994-601
PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the Place a zero in the first box (e.g. or or or less respect in a minimum of 100 plants. Comparative data should be determined from varieties entered in the same tandard may be used to determine plant colors; designate system used: Please answer all questions for your variety; lack of response may delay progress of y KIND:	trial. Royal Horticultural Society or any recognized cal
. KIND:	
	ECIFY)
VERNALIZATION:	
1=Spring 2=Winter 3=Other (SPECIFY)	
COLEOPTILE ANTHOCYANIN:	
	· · · · · · · · · · · · · · · · · · ·
I=Absent 2=Present	
JUVENILE PLANT GROWTH:	
TARET TARET GROWING	
2 1=Prostrate 2=Semi-erect 3=Erect	•
PLANT COLOR (boot stage):	
1 = Yellow-Green 2 = Green 3 = Blue-Green	
FLAG LEAF (boot stage):	
I = Erect 2 = Recurved	I = Not Twisted 2 = Twisted
EAR EMERGENCE:	
04 Number of Days Earlier Than Chris	
OII Number of Days Later Than Butte 86	4.6
ANTHER COLOR:	
I = YELLOW 2 = PURPLE	
PLANT HEIGHT (from soil to top of head, excluding awns):	
To a many and many	
0 2 cm Taller Than Butte 86	•

5. INSEC	T: (0=Not Tested;	1=Susceptible;	2=Resistant;	3=Intermediate;	4=Tolerant)	Exhibit C (Wheat)
* *	č4.	PLEASE	SPECIFY BIOT	YPE (where needed)	•	9800370
Hess	ian Fly (Mayetiola destr	uctor)	Ot	her (SPECIFY)		-
Stem	Sawfly (Cephus spp.)			0	· · · · · · · · · · · · · · · · · · ·	····
]	· · · · · · · · · · · · · · · · · · ·	<u> </u>	or (SPECIFY)		
Cere	al Leaf Beetle (Oulema)	nelanopa)	Oth F	er (SPECIFY)		
Russi	an Aphid <i>(Diuraphis no</i>]	exia)	Oth.	er (SPECIFY)		
Green	bug (Schizaphis gramin	//ml	<u> </u>	이 ———	·	
0			Othe	SPECIFY)		
Aphid	S		Othe	r (SPECIFY)		
ADDITIO	NAL INFORMATION (<u> </u>	01		

.88 JAN 31 S

BUCKY BRIGHT WHITE FINE SILKY

CREAMY

ELASTIC DULL OPEN, THICK COARSE

PLIABLE GREY

STICKY-WEAK YELLOW IRREG, THICK HARSH

DOUGH CHAR (DC): CRUMB COLOR (CC): CRUMB GRAIN (CG): CRUMB TEXTURE (CT):

SHARPSHOOTER

Table 4. Quality evaluation of Sharpshooter compared to check varieties in the 1996 UNIFORM REGIONAL SPRING NURSERY

Carrington, Langdon, Prosper, Crookston Selby, Grotown, Brookings, St. Paul Minot, Williston, Dickinson, Sidney, Powell Havre, Bozeman, Pullman

NORTHEAST: SOUTHEAST: MIDWEST: WEST:

												•				
				WH (14.9	WHEAT		FLOUR	UR Jak								
	;	ΤW	NIR Hard-	PRO	ASH	FLOUR EXT	PRO	ASH	MIX	BAKE	MIX	. =	۲	۲	۲	LOAF
	VARIETY	lb/bu	ness			(%)			PAT	ABS	(min)	2) C	ا ن	T C	(00)
	Butte 86	59.7	73.6	15.0	1.74	61.8	14.1	0.36	3.2	61.1	3.15	2.4	4.0	3.8	5.6	196.0
	Chris	58.6	72.2	15.0	1.72	61.3	14.5	0.38	3.2	61.0	3.40	2.8	3.2	4.0	5.0	194.4
	Era	67.5	0.70	13.6	1.74	63.3	12.7	0.43	2.6	58.9	3.90	2.6	2.6	3.6	5.0	199.0
	Stoa	57.0	9.89	15.3	1.84	61.3	14.6	0.39	3.6	61.6	3.65	2.8	3.6	4.4	5.4	199.4
•	Sharpshooter	62.2	61.5	14.7	1.70	59.6	14.1	0.35	2.8	58.7	2.95	2.4	3.6	3.6	5.8	192.8
	Southeast			1.5) i
	Butte 86	61.8	84.7	13.6	1.70	6.19	11.9	0.38	2.5	61.0	3.19	2.0	3.5	5.0	8.4	172.5
	Chris	61.1	81.4	14.1	1.66	61.3	13.3	0.40	2.5	61.8	3.50	2.5	3.0	3.0	5.0	179.3
	Era	61.1	6.67	12.6	1.68	62.2	11.1	0.42	2.5	6.09	4.13	2.3	3.0	3.3	4.3	178.3
	Stoa	60.3	75.9	13.3	1.69	63.1	12.0	0.38	3.0	60.7	4.50	2.3	3,3	4.8	5.3	181.5
	Sharpshooter	63.8	71.9	13.4	1.63	58.2	12.3	0.33	2.5	60.0	3.44	2.5	8.4	2.8	5.5	182.8
	Midwest															
	Butte 86	62.5	82.0	12.6	1.46	9.99	11.2	0.34	2.6	59.7	3.80	2.2	3.6	4.6	3.4	162.6
	Chris	9.09	83.5	14.2	1.46	56.7	13.4	0.36	2.8	58.5	3.75	3.0	3.0	3.8	4.5	183.8
	Era	61.5	78.9	12.1	1.45	55.2	10.8	0.39	2.2	56.6	4.85	1.8	3.4	3.6	3.4	166.6
	Stoa	61.0	79.1	13.1	1.50	55.5	12.1	0.34	2.8	0.09	4.65	2.2	3.8	3.8	3.8	173.8
	Sharpshooter	63.6	64.4	12.8	1.40	52.8	12.0	0.31	5.6	58.8	3.50	2.2	3.6	3.0	4.2	172.4
	West															
	Butte 86	61.5	87.3	14.8	1.31	62.1	13.8	0.31	3.0	59.6	3.83	2.3	2.7	5.0	4.7	177.7
	Chris	59.2	78.1	15.3	1.42	63.6	14.7	0.34	3.0	59.9	3.75	2.7	2.7	5.0	4.3	190.7
	Era	59.9	76.8	13.9	1.40	61.4	12.9	0.35	2.3	56.9	5.00	2.0	3.7	4.3	4.0	185.0
	Stoa	60.2	74.0	14.5	1.36	62.3	13.7	0.32	3.3	9.19	4.33	2.7	2.3	4.3	4.7	193.0
	Sharpshooter	63.1	66.4	14.3	1.29	55.0	13.8	0.28	3.0	60.1	3.08	2.3	3.7	3.7	5.0	178.0
٩	DATTMCS.									,					,	Г
<u>د</u> 	Alings:			1	O					3					9	_

Sharpshooter Exhibit D perAAA 210ct 1999

Table 3. Scab evaluations from the 1996 Uniform Regional Hard Red Spring Wheat Nursery grown a St. Paul and Morris, MN.

			St. Paul		Morris
Entry	% Incidence	% Severity	% Disease	% Tombstone	% Tombstone
Sharpshooter	34	21	8	8	10
Marquis	71	80	64	19	21
Chris	80	66	49	27	15
Era	30	29	9	22	30
Stoa	55	54	32	18	23
Butte 86	51	19	10	12	14

REPRODUCE LOCALLY. Include form number and date on all reproductions.	FORM APPROVED - OMB N	0, 0581-0055 EXPIRES: 12-31-96
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE	1974 (5 U.S.C. 552a) and the Pape	le in accordance with the Privacy Act of erwork Reduction Act [PRA] of 1995 .
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to certificate is to be issued (7 U.S.C. until certificate is issued (7 U.S.C.	determine if a plant variety protection 2. 2421). Information is held confidential 2426).
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Western Plant Breeders, Inc.	SS-1, FA994-601	Sharpshooter
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)
8111 Timberline Drive	(406) 587-1218	(406) 586-8247
Bozeman, MT 59718-8184	7. PVPO NUMBER 98003	70
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate b	Jock. If no, please explain.	X YES NO
9. Is the applicant (individual or company) a U.S. national or U.S. based company If no, give name of country	?	XYES NO
Is the applicant the original breeder? If no, please answer the following: a. If original rights to variety were owned by individual(s):		X YES NO
is (are) the original breeder(s) a U.S. national(s)? If no, give name of co	ountrý	
 b. If original rights to variety were owned by a company: is the original breeder(s) U.S. based company? If no, give name of course. 	 Intry	YES NO
11. Additional explantion on ownership (If needed, use reverse for extra space):		
PLEASE NOTE:	-	the transfer of the transfer o
Plant variety protection can be afforded only to owners (not licensees) who meet or	ne of the following criteria:	
. If the rights to the variety are owned by the original breeder, that person must to of a country which affords similar protection to nationals of the U.S. for the same	pe a U.S. national, national of a Une genus and species.	POV member country, or national
2. If the rights to the variety are owned by the company which employed the origin nationals of a UPOV member country, or owned by nationals of a country which genus and species.	nal breeder(s), the company must affords similar protection to natio	be U.S. based, owned by onals of the U.S. for the same
. If the applicant is an owner who is not the original breeder, both the original bree	eder and the applicant must meet	one of the above criteria.
he original breeder may be the individual or company who directed final breedi	ng See Section 41(a)(2) of the	Blant Variator Bastantina Act for

definition.

Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, ORM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter.

Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-2791.

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.